

Abstract

A system and method are provided for throttling event messages to be sent to a network management system (NMS), so as to avoid overflow of element management system (EMS) buffers. Three states are defined for buffers within a proxy: low, high, and full. Changes between states occur as the fill-level of the buffers crosses thresholds. When the proxy buffers are in the low state, the event logger of an EMS forwards all event messages to the proxy, which are then forwarded to the NMS. When the proxy buffers are in the high state, the EMS only forwards high priority messages to the proxy. Low priority messages are stored within the EMS. When the proxy buffers are in a full state, the EMS does not forward any messages to the proxy. In this way, event messages are throttled, thereby reducing the frequency of network reconciliation, in a way which does not further burden the Qs channel process.